Please replace the paragraph beginning at page 8, line 26, with the following:

C5

--Alternatively, the protein can be obtained by using antibody to an amino acid sequence described in any one of SEQ ID NOs: 2, 4, 6, 8 or 12.--

IN THE CLAIMS

Please replace claims 1-6, 10, 11, 16-20 and 22-24 as follows:

C6

1. (Twice Amended) An isolated DNA coding for a protein having activity that transfers a glycoside to the 5 position of a flavonoid.

2. (Twice Amended) A DNA as set forth in claim 1 that codes for a protein having an amino acid sequence as shown in any one of SEQ ID NOs: 1, 3, 5, 7 or 11 and having activity that transfers a glycoside to the 5 position of a flavonoid, or a protein having an amino acid sequence modified by addition and/or deletion of one or more amino acids and/or substitutions by one or more other amino acids relative to said amino acids and maintains activity that transfers a glycoside to the 5 position of a flavonoid.

C7

3. (Amended) A DNA as set forth in claim 1 that codes for a protein having an amino acid sequence that has a sequence identity of 30% or more with an amino acid

sequence as shown in any one of SEQ ID NOs: 1, 3, 5, 7 or 11, and has activity that transfers a glycoside to the 5 position of a flavonoid.

C7 cont'd

4. (Amended) A DNA as set forth in claim 1 that codes for a protein having an amino acid sequence that has a sequence identity of 50% or more with an amino acid sequence as shown in any one of SEQ ID NOs: 1, 3, 5, 7 or 11, and has activity that transfers a glycoside to the 5 position of a flavonoid.

5. (Amended) A DNA as set forth in claim 1 that codes for a protein, wherein said gene hybridizes under conditions of 5 x SCC and 50°C with all or a portion of a nucleotide sequence that codes for an amino acid sequence as shown in any one of SEQ ID NOs: 1, 3, 5, 7 or 11, and has activity that transfers a glycoside to the 5 position of a flavonoid.

6. (Twice Amended) A vector containing a DNA as set forth in claim 1.

C8

10. (Twice Amended) A plant into which is introduced a DNA as set forth in claim 1, or its progeny or tissue that conserve said DNA which was introduced.

11. (Amended) A cut flower of the plant as set forth in claim 10 or its progeny that conserve said DNA which was introduced.

16. (Amended) A plant into which is introduced a DNA as set forth in claim 2, or its progeny or tissue that conserve said DNA which was introduced.

C9

17. (Amended) A plant into which is introduced a DNA as set forth in claim 3, or its progeny or tissue that conserve said DNA which was introduced.

18. (Amended) A plant into which is introduced a DNA as set forth in claim 4, or its progeny or tissue that conserve said DNA which was introduced.

19. (Amended) A plant into which is introduced a DNA as set forth in claim 5, or its progeny or tissue that conserve said DNA which was introduced.

C10

20. (Amended) An isolated nucleic acid molecule comprising a sequence of nucleotides encoding, or complementary to a sequence encoding, a plant flavonoid-5-glucosyltransferase (5GT).

C11

22. (Amended) An isolated nucleic acid molecule according to claim 21, comprising a nucleotide sequence, or nucleotide sequence complementary to a nucleotide sequence as set forth in SEQ ID NOs: 7-10 or 12, or having at least 50% a sequence identity thereto.

23. (Amended) An isolated nucleic acid molecule which:

(i) encodes a 5GT of plant origin; and

(ii) hybridizes under conditions of 5 x SCC and 50°C with a nucleotide sequence as set forth in SEQ ID NOs: 1, 3, 5, 7 or 11, or to a complementary strand thereof.

24. (Amended) An isolated DNA coding for a protein having activity that transfers a glycoside to the 5 position of a flavonoid, wherein said DNA encodes a protein having

an amino acid sequence selected from the group consisting of SEQ ID NOs: 2, 4, ,6, 8 and 12, or

an amino acid sequence which is at least 50% identical to an amino acid sequence of SEQ ID NOs: 2, 4, 6, 8 or 12, or

wherein said DNA sequence hybridizes with the complementary strand of a DNA sequence of SEQ ID NOs: 1, 3, 5, 7 or 11.